

FIG. 2

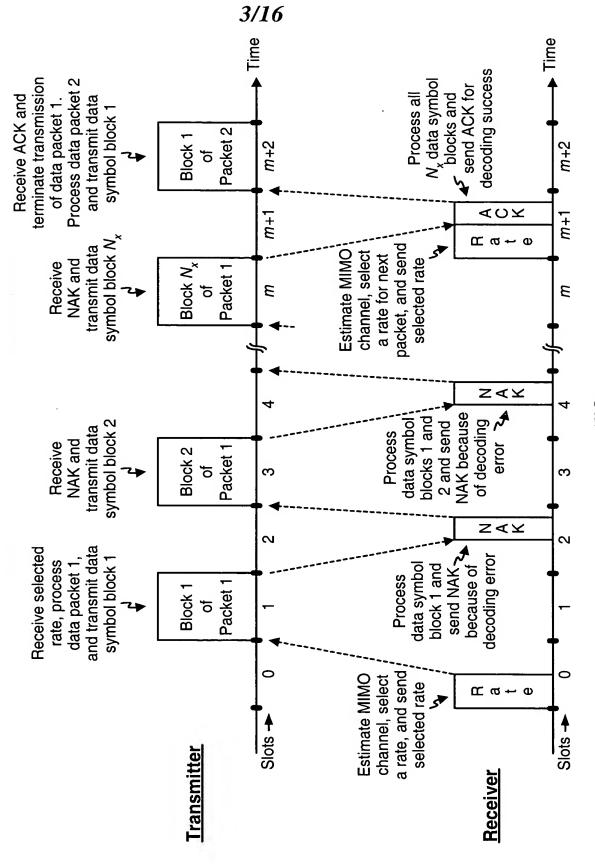


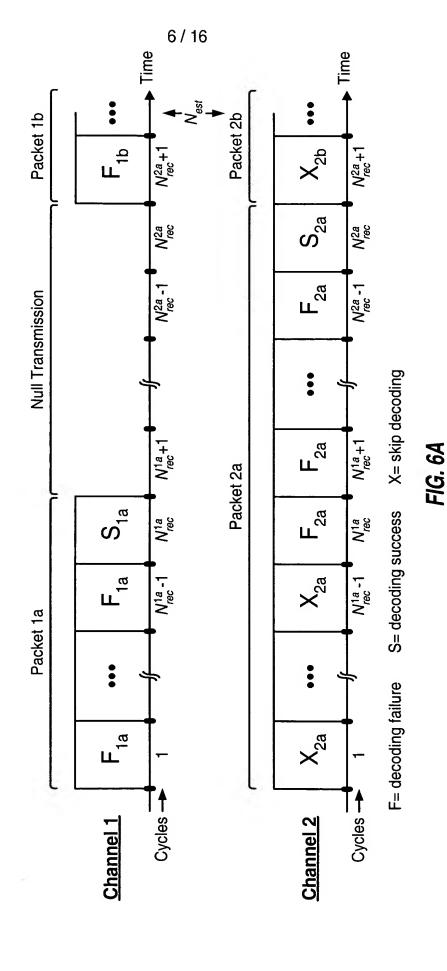
FIG. 3

	0 \$2,15 0	0 $S_{1,14}$ 0 $S_{2,16}$	0 81,15 0	$s_{2,14} = 0$ $s_{1,16}$	Time
13	S _{1,13}	0	S _{2,13}	0 \$2,14	
10 11 12 13 14 15	0	0 \$2,12	0 S _{2,13}	0 \$1,12	
11	0 \$2,11	0	S _{1,11}	0	
10	0	0 81,10	0 \$1,11	0 \$2,10	
6 8	S _{1,9}	0			FIG. 4
∞	0	0 \$2,8	0 \$2,9	S _{1,8}	FIC
7	S _{2,7}	0	5,,7	0	
9	0	S _{1,6}	0	0 S _{2,6}	
5	S _{1,5}	0	S _{2,5}	0	
4	0	\$2,4	0	S _{1,4}	
က	S _{2,3}	0	S _{1,3}	0	
7	0	S _{1,2}	0	$S_{2,2}$	
-	S _{1,1}	0	S _{2,1}	0	
	Antenna 1	Antenna 2	Antenna 3	Antenna 4	

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IR Transmission for No Independent Parallel Channels

(Ordered SIC Transmission Scheme - with Null Transmission for Early Termination) IR Transmission for 2 Inter-dependent Parallel Channels



IR Transmission for 2 Inter-dependent Parallel Channels

(Ordered SIC Transmission Scheme - with Short Packet Transmission for Early Termination)

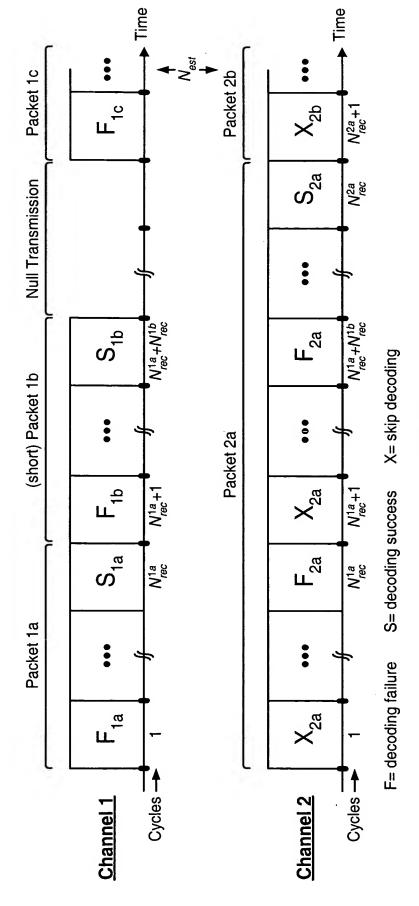


FIG. 6B



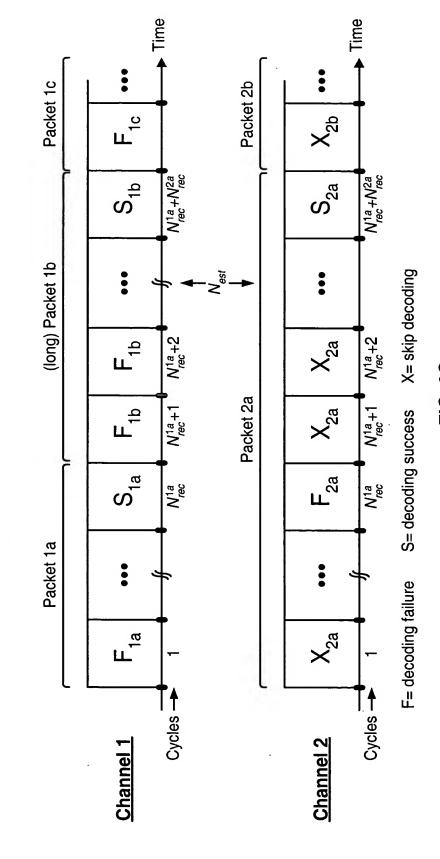
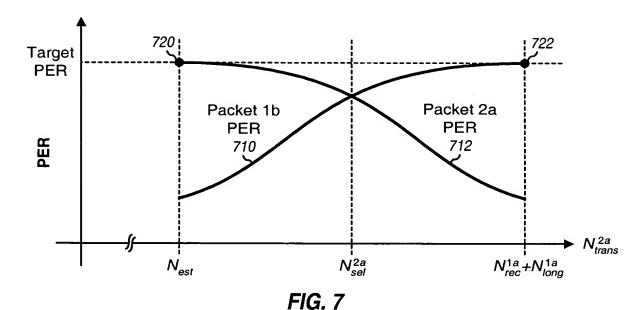


FIG. 6C

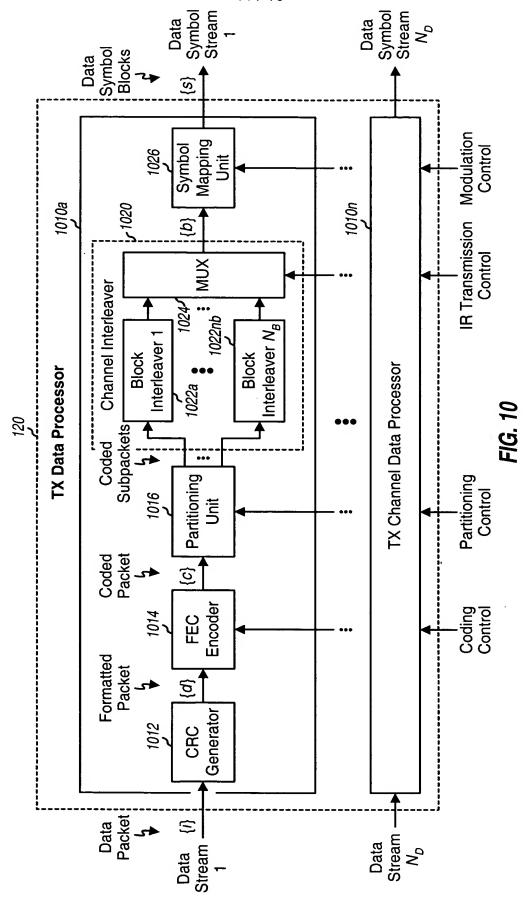


Packets on 800 Channels 1 and 2 810 recovered Sync Packet on Channel 1 Packet on Channel 1 recovered and new recovered and no packet transmitted transmission on on Channel 1 Channel 1 Packets on Channels Packet on 1 and 2 Channel 2 recovered recovered 820 830 New Null **Packet** Packet on Channel 1 **Transmission** Transmission Packet on recovered and no Packet on Channel 1 transmission on Channel 2 not recovered Channel 1 not **OR** packet recovered on Channel 1 recovered and new packet transmitted on Channel 1

FIG. 8

IR Transmission for 2 Inter-dependent Parallel Channels

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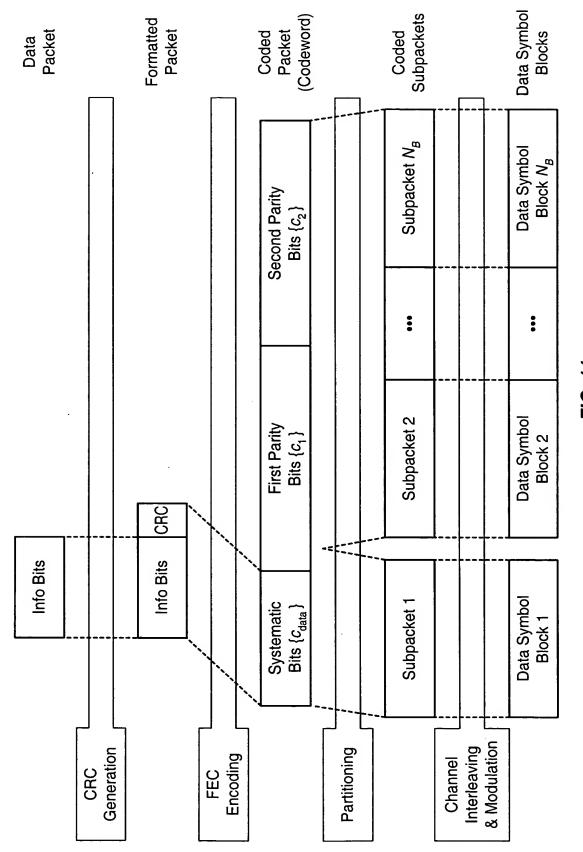
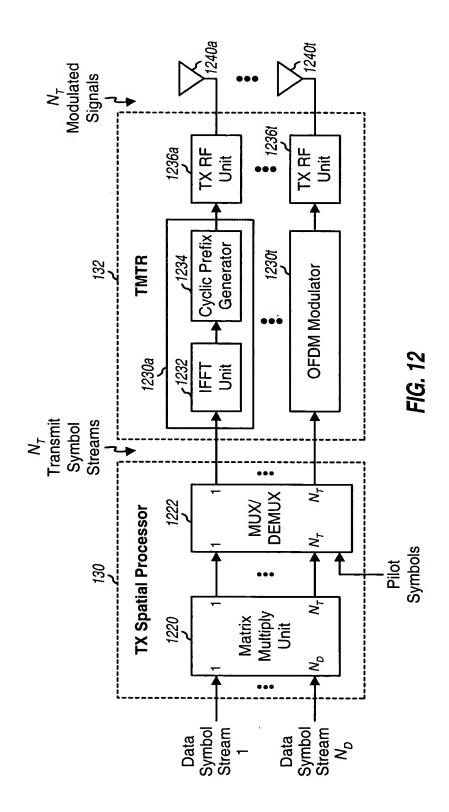
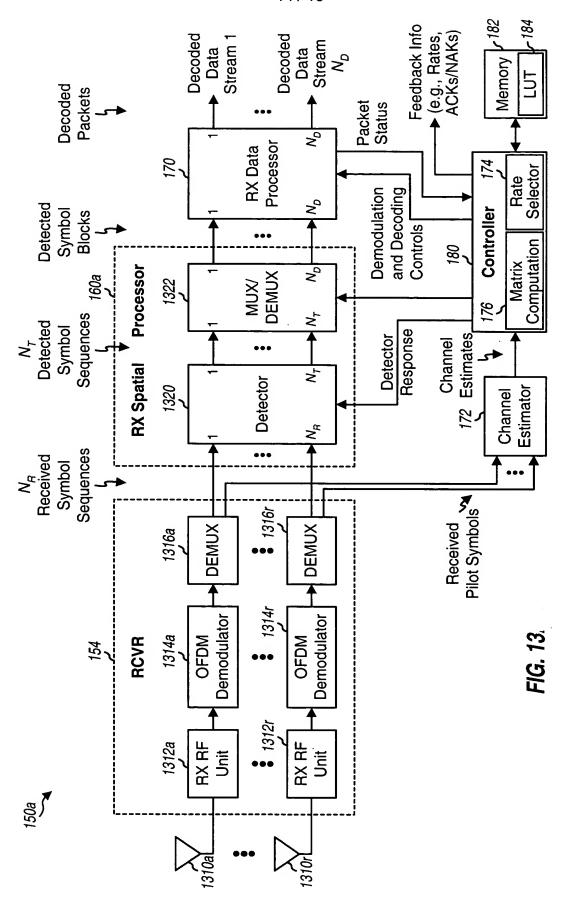
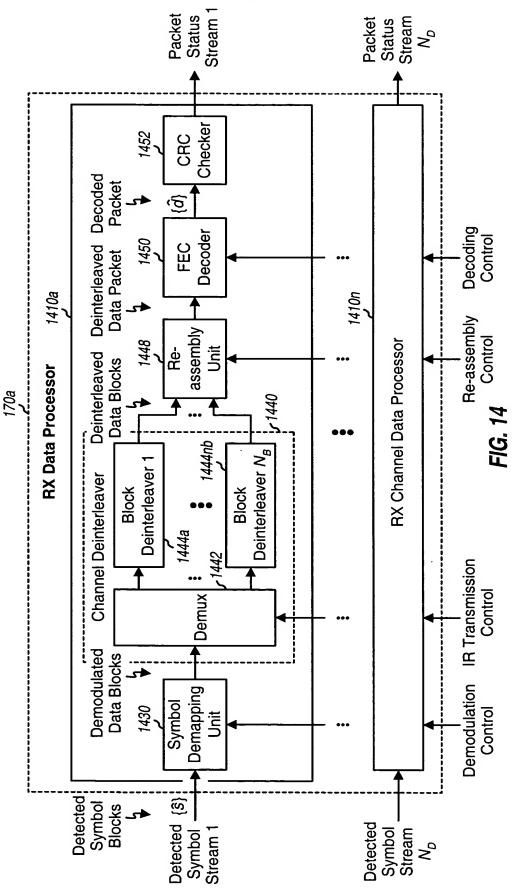


FIG. 11







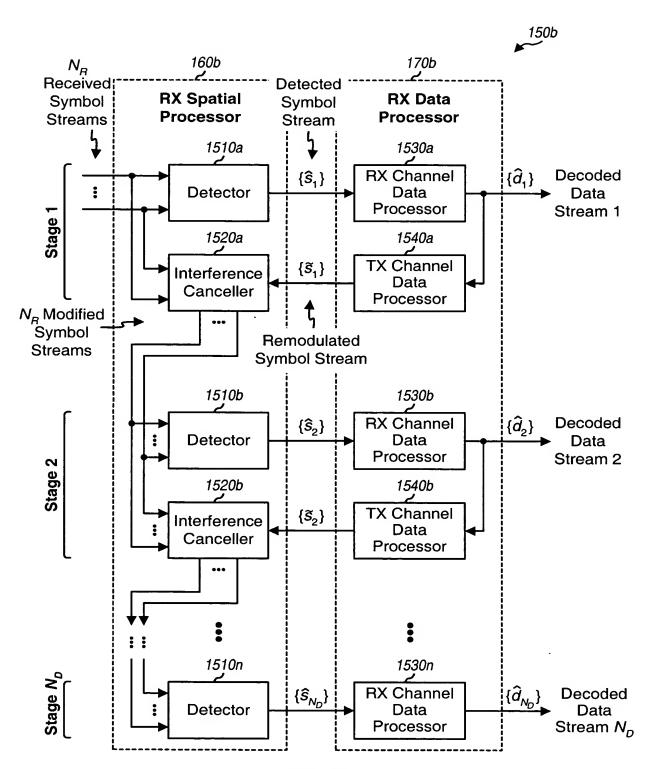


FIG. 15